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## SEQUENCE LISTING

<110> Yeaman, Michael R.  
Shen, Alexander J.

<120> ANTIMICROBIAL PEPTIDES AND DERIVED  
METAPEPTIDES

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<140> US 09/648,816

<141> 2000-08-25

<150> US 09/622,561

<151> 2000-08-18

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20 25 30  
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<213> Oryctolagus cuniculus

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20 25 30  
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35 40 45  
Lys Asn Gly Arg Lys Leu Cys Leu Asp Leu Gln Ala Ala Leu Tyr Lys  
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TECH CENTER 1600/2900

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1 5 10 15  
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<210> 11

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<210> 23

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Lys Ile Leu Lys  
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<400> 26

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<400> 27

Glu Gly Val Asn Asp Asn Glu Glu Gly Phe Phe Ser Ala  
 1 5 10

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&lt;400&gt; 28

Lys	Phe	Asp	Lys	Ser	Lys	Leu	Lys	Lys	Thr	Glu	Thr	Gln	Glu	Lys	Asn
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Pro Leu															

&lt;210&gt; 29

&lt;211&gt; 15

&lt;212&gt; PRT

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microbiocidal domains from platelet microbial  
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&lt;400&gt; 29

Ala	Asn	Leu	Ile	Ala	Thr	Lys	Lys	Asn	Gly	Arg	Lys	Leu	Cys	Leu
1				5					10					15

&lt;210&gt; 30

&lt;211&gt; 30

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Antimicrobiocidal peptide designed in part upon  
microbiocidal domains from platelet microbial  
proteins 1 and 2 (PMP-1 and PMP-2) from rabbits

&lt;400&gt; 30

Ile	Ala	Thr	Lys	Lys	Asn	Gly	Arg	Lys	Leu	Cys	Leu	Asp	Leu	Gln	Ala
1				5					10					15	
Ala	Leu	Tyr	Lys	Lys	Lys	Ile	Ile	Lys	Lys	Leu	Leu	Glu	Ser		
			20					25					30		

&lt;210&gt; 31

&lt;211&gt; 47

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<223> Antimicrobiocidal peptide designed in part upon  
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proteins 1 and 2 (PMP-1 and PMP-2) from rabbits

&lt;400&gt; 31

Thr	Asn	Leu	Glu	Leu	Ile	Lys	Ala	Gly	Gly	His	Cys	Pro	Thr	Ala	Asn
1				5					10					15	
Leu	Ile	Ala	Thr	Lys	Lys	Asn	Gly	Arg	Lys	Leu	Cys	Leu	Asp	Leu	Gln
			20					25					30		
Ala Ala Leu Tyr Lys Lys Lys Ile Ile Lys Lys Leu Leu Glu Ser															

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40

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<210> 32  
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 Gln Ala Ala Leu Tyr Lys Lys Lys Ile Ile Lys Lys Leu Leu Glu Ser  
 20 25 30

<210> 33  
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 1 5 10 15

<210> 34  
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 Leu Gly Ala Leu Tyr Lys Lys Lys Leu  
 20 25

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 Ala Ala Leu  
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 Cys Ala Leu Tyr Lys Lys Phe Lys Lys Lys Leu Leu Lys Ser Leu Lys  
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 Arg Leu Gly

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Ala	Leu	Tyr	Lys	Lys	Phe	Lys	Lys	Lys	Leu	Leu	Lys	Cys	Leu	Lys	Arg
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Leu	Gly														

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proteins 1 and 2 (PMP-1 and PMP-2) from rabbits

<400> 39

Ala	Leu	Tyr	Lys	Lys	Phe	Lys	Lys	Lys	Leu	Leu	Lys	Ser	Leu	Lys	Arg
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<400> 40

Cys	Ala	Leu	Tyr	Lys	Lys	Phe	Lys	Lys	Lys	Leu	Leu	Lys	Ser	Leu	Lys
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<210> 42  
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Leu Gly

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Gly Leu Arg Lys Leu Ser Lys Leu Leu Lys Lys Lys Phe Lys Lys Tyr  
1 5 10 15  
Leu Ala

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Ala Leu

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proteins 1 and 2 (PMP-1 and PMP-2) from rabbits

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Ala Thr Lys Lys Asn Gly Arg Lys Leu Cys Leu Lys Ser Leu Lys Arg  
 1 5 10 15  
 Leu Gly

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 1 5 10 15  
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 1 5 10 15  
 Leu Tyr Lys Lys Lys

20

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 1 5 10 15  
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 1 5 10 15  
 Leu Tyr Glu Glu Glu  
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<210> 53  
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 Leu Tyr Lys Lys Lys  
 20



<210> 54  
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 Leu Tyr Lys Lys Lys  
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<400> 57

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1				5				10					15		
Leu	Phe	Lys	Lys	Lys											
				20											

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proteins 1 and 2 (PMP-1 and PMP-2) from rabbits

<400> 58

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1				5				10					15		
Leu	Trp	Lys	Lys	Lys											
				20											

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proteins 1 and 2 (PMP-1 and PMP-2) from rabbits

<400> 59

Lys	Lys	Lys	Tyr	Leu	Ala	Ala	Gln	Leu	Asp	Leu	Cys	Leu	Lys	Arg	Gly
1				5				10					15		
Asn	Lys	Lys	Thr	Ala											
				20											

<210> 60

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<213> Artificial Sequence

<220>

<223> Antimicrobiocidal peptide designed in part upon  
microbiocidal domains from platelet microbial  
proteins 1 and 2 (PMP-1 and PMP-2) from rabbits

<400> 60  
Ala Thr Lys Lys Asn Gly Arg Lys Leu Cys Leu Asp Leu Gln Ala Ala  
1 5 10 15  
Leu Tyr Lys Lys  
20

<210> 61  
<211> 20  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Antimicrobiocidal peptide designed in part upon  
microbiocidal domains from platelet microbial  
proteins 1 and 2 (PMP-1 and PMP-2) from rabbits

<400> 61  
Ala Thr Arg Arg Asn Gly Arg Arg Leu Cys Leu Asp Leu Gln Ala Ala  
1 5 10 15  
Leu Tyr Arg Arg  
20

<210> 62  
<211> 20  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Antimicrobiocidal peptide designed in part upon  
microbiocidal domains from platelet microbial  
proteins 1 and 2 (PMP-1 and PMP-2) from rabbits

<400> 62  
Ala Thr Lys Lys Asn Gly Lys Lys Leu Cys Leu Asp Leu Gln Ala Ala  
1 5 10 15  
Leu Tyr Lys Lys  
20

<210> 63  
<211> 20  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Antimicrobiocidal peptide designed in part upon  
microbiocidal domains from platelet microbial  
proteins 1 and 2 (PMP-1 and PMP-2) from rabbits

&lt;400&gt; 63

Ala	Thr	Lys	Lys	Asn	Gly	Arg	Lys	Leu	Cys	Leu	Glu	Leu	Gln	Ala	Ala
1				5					10					15	
Leu	Tyr	Lys	Lys												
			20												

&lt;210&gt; 64

&lt;211&gt; 20

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Antimicrobiocidal peptide designed in part upon  
microbiocidal domains from platelet microbial  
proteins 1 and 2 (PMP-1 and PMP-2) from rabbits

&lt;400&gt; 64

Ala	Thr	Glu	Glu	Asn	Gly	Arg	Glu	Leu	Cys	Leu	Asp	Leu	Gln	Ala	Ala
1				5					10					15	
Leu	Tyr	Glu	Glu												
			20												

&lt;210&gt; 65

&lt;211&gt; 20

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Antimicrobiocidal peptide designed in part upon  
microbiocidal domains from platelet microbial  
proteins 1 and 2 (PMP-1 and PMP-2) from rabbits

&lt;400&gt; 65

Ala	Thr	Lys	Lys	Asn	Gly	Arg	Lys	Leu	Cys	Leu	Lys	Leu	Gln	Ala	Ala
1				5					10					15	
Leu	Tyr	Lys	Lys												
			20												

&lt;210&gt; 66

&lt;211&gt; 20

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Antimicrobiocidal peptide designed in part upon  
microbiocidal domains from platelet microbial  
proteins 1 and 2 (PMP-1 and PMP-2) from rabbits

&lt;400&gt; 66

Ala Thr Lys Lys Asn Gly Glu Lys Leu Cys Leu Asp Leu Gln Ala Ala  
 1 5 10 15  
 Leu Tyr Lys Lys  
 20

<210> 67  
 <211> 20  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Antimicrobiocidal peptide designed in part upon  
 microbiocidal domains from platelet microbial  
 proteins 1 and 2 (PMP-1 and PMP-2) from rabbits

<400> 67  
 Ala Thr Lys Lys Asn Gly Gly Lys Leu Cys Leu Asp Leu Gln Ala Ala  
 1 5 10 15  
 Leu Tyr Lys Lys  
 20

<210> 68  
 <211> 20  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Antimicrobiocidal peptide designed in part upon  
 microbiocidal domains from platelet microbial  
 proteins 1 and 2 (PMP-1 and PMP-2) from rabbits

<400> 68  
 Ala Thr Lys Lys Asn Gly Arg Lys Leu Cys Leu Gly Leu Gln Ala Ala  
 1 5 10 15  
 Leu Tyr Lys Lys  
 20

<210> 69  
 <211> 20  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Antimicrobiocidal peptide designed in part upon  
 microbiocidal domains from platelet microbial  
 proteins 1 and 2 (PMP-1 and PMP-2) from rabbits

<400> 69  
 Ala Thr Lys Lys Asn Gly Arg Lys Leu Cys Leu Asp Leu Gln Ala Ala  
 1 5 10 15  
 Leu Phe Lys Lys

20

<210> 70  
 <211> 20  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Antimicrobiocidal peptide designed in part upon  
 microbiocidal domains from platelet microbial  
 proteins 1 and 2 (PMP-1 and PMP-2) from rabbits

<400> 70  
 Ala Thr Lys Lys Asn Gly Arg Lys Leu Cys Leu Asp Leu Gln Ala Ala  
 1 5 10 15  
 Leu Trp Lys Lys  
 20

<210> 71  
 <211> 20  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Antimicrobiocidal peptide designed in part upon  
 microbiocidal domains from platelet microbial  
 proteins 1 and 2 (PMP-1 and PMP-2) from rabbits

<400> 71  
 Lys Lys Tyr Leu Ala Ala Gln Leu Asp Leu Cys Leu Lys Arg Gly Asn  
 1 5 10 15  
 Lys Lys Thr Ala  
 20

<210> 72  
 <211> 20  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Antimicrobiocidal peptide designed in part upon  
 microbiocidal domains from platelet microbial  
 proteins 1 and 2 (PMP-1 and PMP-2) from rabbits

<400> 72  
 Thr Lys Lys Asn Gly Arg Lys Leu Cys Leu Asp Leu Gln Ala Ala Leu  
 1 5 10 15  
 Tyr Lys Lys Lys  
 20

<210> 73  
 <211> 20  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Antimicrobiocidal peptide designed in part upon  
 microbiocidal domains from platelet microbial  
 proteins 1 and 2 (PMP-1 and PMP-2) from rabbits

<400> 73  
 Thr Arg Arg Asn Gly Arg Arg Leu Cys Leu Asp Leu Gln Ala Ala Leu  
 1 5 10 15  
 Tyr Arg Arg Arg  
 20

<210> 74  
 <211> 20  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Antimicrobiocidal peptide designed in part upon  
 microbiocidal domains from platelet microbial  
 proteins 1 and 2 (PMP-1 and PMP-2) from rabbits

<400> 74  
 Thr Lys Lys Asn Gly Lys Lys Leu Cys Leu Asp Leu Gln Ala Ala Leu  
 1 5 10 15  
 Tyr Lys Lys Lys  
 20

<210> 75  
 <211> 20  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Antimicrobiocidal peptide designed in part upon  
 microbiocidal domains from platelet microbial  
 proteins 1 and 2 (PMP-1 and PMP-2) from rabbits

<400> 75  
 Thr Lys Lys Asn Gly Arg Lys Leu Cys Leu Glu Leu Gln Ala Ala Leu  
 1 5 10 15  
 Tyr Lys Lys Lys  
 20

<210> 76  
 <211> 20  
 <212> PRT

<213> Artificial Sequence

<220>

<223> Antimicrobiocidal peptide designed in part upon  
microbiocidal domains from platelet microbial  
proteins 1 and 2 (PMP-1 and PMP-2) from rabbits

<400> 76

Thr	Glu	Glu	Asn	Gly	Arg	Glu	Leu	Cys	Leu	Asp	Leu	Gln	Ala	Ala	Leu
1				5				10					15		
Tyr	Glu	Glu	Glu												
			20												

<210> 77

<211> 20

<212> PRT

<213> Artificial Sequence

<220>

<223> Antimicrobiocidal peptide designed in part upon  
microbiocidal domains from platelet microbial  
proteins 1 and 2 (PMP-1 and PMP-2) from rabbits

<400> 77

Thr	Lys	Lys	Asn	Gly	Arg	Lys	Leu	Cys	Leu	Lys	Leu	Gln	Ala	Ala	Leu
1				5				10					15		
Tyr	Lys	Lys	Lys												
			20												

<210> 78

<211> 20

<212> PRT

<213> Artificial Sequence

<220>

<223> Antimicrobiocidal peptide designed in part upon  
microbiocidal domains from platelet microbial  
proteins 1 and 2 (PMP-1 and PMP-2) from rabbits

<400> 78

Thr	Lys	Lys	Asn	Gly	Glu	Lys	Leu	Cys	Leu	Asp	Leu	Gln	Ala	Ala	Leu
1				5				10					15		
Tyr	Lys	Lys	Lys												
			20												

<210> 79

<211> 20

<212> PRT

<213> Artificial Sequence

<220>



<223> Antimicrobiocidal peptide designed in part upon  
microbiocidal domains from platelet microbial  
proteins 1 and 2 (PMP-1 and PMP-2) from rabbits

<400> 79

Thr	Lys	Lys	Asn	Gly	Gly	Lys	Leu	Cys	Leu	Asp	Leu	Gln	Ala	Ala	Leu
1				5				10						15	
Tyr	Lys	Lys	Lys												
			20												

<210> 80

<211> 20

<212> PRT

<213> Artificial Sequence

<220>

<223> Antimicrobiocidal peptide designed in part upon  
microbiocidal domains from platelet microbial  
proteins 1 and 2 (PMP-1 and PMP-2) from rabbits

<400> 80

Thr	Lys	Lys	Asn	Gly	Arg	Lys	Leu	Cys	Leu	Gly	Leu	Gln	Ala	Ala	Leu
1				5				10						15	
Tyr	Lys	Lys	Lys												
			20												

<210> 81

<211> 20

<212> PRT

<213> Artificial Sequence

<220>

<223> Antimicrobiocidal peptide designed in part upon  
microbiocidal domains from platelet microbial  
proteins 1 and 2 (PMP-1 and PMP-2) from rabbits

<400> 81

Thr	Lys	Lys	Asn	Gly	Arg	Lys	Leu	Cys	Leu	Asp	Leu	Gln	Ala	Ala	Leu
1				5				10						15	
Phe	Lys	Lys	Lys												
			20												

<210> 82

<211> 20

<212> PRT

<213> Artificial Sequence

<220>

<223> Antimicrobiocidal peptide designed in part upon  
microbiocidal domains from platelet microbial  
proteins 1 and 2 (PMP-1 and PMP-2) from rabbits

&lt;400&gt; 82

Thr Lys Lys Asn Gly Arg Lys Leu Cys Leu Asp Leu Gln Ala Ala Leu  
 1                      5                      10                      15  
 Trp Lys Lys Lys  
                     20

&lt;210&gt; 83

&lt;211&gt; 20

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Antimicrobiocidal peptide designed in part upon  
 microbiocidal domains from platelet microbial  
 proteins 1 and 2 (PMP-1 and PMP-2) from rabbits

&lt;400&gt; 83

Lys Lys Tyr Leu Ala Ala Gln Leu Asp Leu Cys Leu Lys Arg Gly Asn  
 1                      5                      10                      15  
 Lys Lys Thr Ala  
                     20

&lt;210&gt; 84

&lt;211&gt; 19

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Antimicrobiocidal peptide designed in part upon  
 microbiocidal domains from platelet microbial  
 proteins 1 and 2 (PMP-1 and PMP-2) from rabbits

&lt;400&gt; 84

Thr Lys Lys Asn Gly Arg Lys Leu Cys Leu Asp Leu Gln Ala Ala Leu  
 1                      5                      10                      15  
 Tyr Lys Lys

&lt;210&gt; 85

&lt;211&gt; 19

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Antimicrobiocidal peptide designed in part upon  
 microbiocidal domains from platelet microbial  
 proteins 1 and 2 (PMP-1 and PMP-2) from rabbits

&lt;400&gt; 85

Thr Arg Arg Asn Gly Arg Arg Leu Cys Leu Asp Leu Gln Ala Ala Leu  
 1                      5                      10                      15  
 Tyr Arg Arg

<210> 86  
 <211> 19  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Antimicrobiocidal peptide designed in part upon  
 microbiocidal domains from platelet microbial  
 proteins 1 and 2 (PMP-1 and PMP-2) from rabbits

<400> 86  
 Thr Lys Lys Asn Gly Lys Lys Leu Cys Leu Asp Leu Gln Ala Ala Leu  
 1                      5                      10                      15  
 Tyr Lys Lys

<210> 87  
 <211> 19  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Antimicrobiocidal peptide designed in part upon  
 microbiocidal domains from platelet microbial  
 proteins 1 and 2 (PMP-1 and PMP-2) from rabbits

<400> 87  
 Thr Lys Lys Asn Gly Arg Lys Leu Cys Leu Glu Leu Gln Ala Ala Leu  
 1                      5                      10                      15  
 Tyr Lys Lys

<210> 88  
 <211> 19  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Antimicrobiocidal peptide designed in part upon  
 microbiocidal domains from platelet microbial  
 proteins 1 and 2 (PMP-1 and PMP-2) from rabbits

<400> 88  
 Thr Glu Glu Asn Gly Arg Glu Leu Cys Leu Asp Leu Gln Ala Ala Leu  
 1                      5                      10                      15  
 Tyr Glu Glu

<210> 89  
 <211> 19  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Antimicrobiocidal peptide designed in part upon  
 microbiocidal domains from platelet microbial  
 proteins 1 and 2 (PMP-1 and PMP-2) from rabbits

<400> 89  
 Thr Lys Lys Asn Gly Arg Lys Leu Cys Leu Lys Leu Gln Ala Ala Leu  
 1 5 10 15  
 Tyr Lys Lys

<210> 90  
 <211> 19  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Antimicrobiocidal peptide designed in part upon  
 microbiocidal domains from platelet microbial  
 proteins 1 and 2 (PMP-1 and PMP-2) from rabbits

<400> 90  
 Thr Lys Lys Asn Gly Glu Lys Leu Cys Leu Asp Leu Gln Ala Ala Leu  
 1 5 10 15  
 Tyr Lys Lys

<210> 91  
 <211> 19  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Antimicrobiocidal peptide designed in part upon  
 microbiocidal domains from platelet microbial  
 proteins 1 and 2 (PMP-1 and PMP-2) from rabbits

<400> 91  
 Thr Lys Lys Asn Gly Gly Lys Leu Cys Leu Asp Leu Gln Ala Ala Leu  
 1 5 10 15  
 Tyr Lys Lys

<210> 92  
 <211> 19  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Antimicrobiocidal peptide designed in part upon  
 microbiocidal domains from platelet microbial  
 proteins 1 and 2 (PMP-1 and PMP-2) from rabbits

<400> 92  
 Thr Lys Lys Asn Gly Arg Lys Leu Cys Leu Gly Leu Gln Ala Ala Leu  
 1 5 10 15  
 Tyr Lys Lys

<210> 93  
 <211> 19  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Antimicrobiocidal peptide designed in part upon  
 microbiocidal domains from platelet microbial  
 proteins 1 and 2 (PMP-1 and PMP-2) from rabbits

<400> 93  
 Thr Lys Lys Asn Gly Arg Lys Leu Cys Leu Asp Leu Gln Ala Ala Leu  
 1 5 10 15  
 Phe Lys Lys

<210> 94  
 <211> 19  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Antimicrobiocidal peptide designed in part upon  
 microbiocidal domains from platelet microbial  
 proteins 1 and 2 (PMP-1 and PMP-2) from rabbits

<400> 94  
 Thr Lys Lys Asn Gly Arg Lys Leu Cys Leu Asp Leu Gln Ala Ala Leu  
 1 5 10 15  
 Trp Lys Lys

<210> 95  
 <211> 19  
 <212> PRT

<213> Artificial Sequence

<220>

<223> Antimicrobiocidal peptide designed in part upon  
microbiocidal domains from platelet microbial  
proteins 1 and 2 (PMP-1 and PMP-2) from rabbits

<400> 95

Lys	Lys	Tyr	Leu	Ala	Ala	Gln	Leu	Asp	Leu	Cys	Leu	Lys	Arg	Gly	Asn
1				5					10					15	
Lys Lys Thr															

<210> 96

<211> 22

<212> PRT

<213> Oryctolagus cuniculus

<400> 96

Ser	Asp	Asp	Pro	Lys	Glu	Ser	Glu	Gly	Asp	Leu	His	Cys	Val	Cys	Val
1				5					10					15	
Lys Thr Thr Ser Leu Val															
20															

<210> 97

<211> 37

<212> PRT

<213> Oryctolagus cuniculus

<400> 97

Ser	Asp	Asp	Pro	Lys	Glu	Ser	Glu	Gly	Asp	Leu	His	Cys	Val	Cys	Val
1				5					10					15	
Lys	Thr	Thr	Ser	Leu	Val	Arg	Pro	Arg	His	Ile	Thr	Asn	Leu	Glu	Leu
			20				25				30				
Ile Lys Ala Gly Gly															
35															

<210> 98

<211> 22

<212> PRT

<213> Artificial Sequence

<220>

<223> Antimicrobiocidal peptide designed in part upon  
microbiocidal domains from platelet microbial  
proteins 1 and 2 (PMP-1 and PMP-2) from rabbits

<400> 98

Ser	Asp	Asp	Pro	Lys	Glu	Ser	Glu	Gly	Asp	Leu	His	Cys	Val	Cys	Val
1				5					10					15	
Lys Thr Thr Ser Lys Val															
20															

<210> 99  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Antimicrobiocidal peptide designed in part upon  
 microbiocidal domains from platelet microbial  
 proteins 1 and 2 (PMP-1 and PMP-2) from rabbits

<400> 99  
 Ser Asp Asp Pro Lys Glu Ser Glu Gly Glu Leu Arg Cys Val Cys Val  
 1 5 10 15  
 Lys Thr Thr Ser Leu Val  
 20

<210> 100  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Antimicrobiocidal peptide designed in part upon  
 microbiocidal domains from platelet microbial  
 proteins 1 and 2 (PMP-1 and PMP-2) from rabbits

<400> 100  
 Ser Asp Asp Pro Lys Glu Ser Glu Gly Glu Leu Arg Cys Val Cys Val  
 1 5 10 15  
 Lys Thr Thr Ser Lys Val  
 20

<210> 101  
 <211> 21  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Antimicrobiocidal peptide designed in part upon  
 microbiocidal domains from platelet microbial  
 proteins 1 and 2 (PMP-1 and PMP-2) from rabbits

<400> 101  
 Ser Asp Asp Pro Lys Glu Ser Glu Gly Asp Leu His Cys Cys Val Lys  
 1 5 10 15  
 Thr Thr Ser Lys Val  
 20

<210> 102

<211> 21  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Antimicrobiocidal peptide designed in part upon  
 microbiocidal domains from platelet microbial  
 proteins 1 and 2 (PMP-1 and PMP-2) from rabbits

<400> 102  
 Ser Asp Asp Pro Lys Glu Ser Glu Gly Glu Leu Arg Cys Cys Val Lys  
 1 5 10 15  
 Thr Thr Ser Leu Val  
 20

<210> 103  
 <211> 21  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Antimicrobiocidal peptide designed in part upon  
 microbiocidal domains from platelet microbial  
 proteins 1 and 2 (PMP-1 and PMP-2) from rabbits

<400> 103  
 Ser Asp Asp Pro Lys Glu Ser Glu Gly Glu Leu Arg Cys Cys Val Lys  
 1 5 10 15  
 Thr Thr Ser Lys Val  
 20

<210> 104  
 <211> 40  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Antimicrobiocidal peptide designed in part upon  
 microbiocidal domains from platelet microbial  
 proteins 1 and 2 (PMP-1 and PMP-2) from rabbits

<400> 104  
 Ala Leu Tyr Lys Lys Phe Lys Lys Lys Leu Leu Lys Ser Leu Lys Arg  
 1 5 10 15  
 Leu Gly Ser Asp Asp Pro Lys Glu Ser Glu Gly Asp Leu His Cys Val  
 20 25 30  
 Cys Val Lys Thr Thr Ser Leu Val  
 35 40

<210> 105  
 <211> 35



<212> PRT

<213> Artificial Sequence

<220>

<223> Antimicrobiocidal peptide designed in part upon  
microbiocidal domains from platelet microbial  
proteins 1 and 2 (PMP-1 and PMP-2) from rabbits

<400> 105

Ala	Leu	Tyr	Lys	Arg	Leu	Phe	Lys	Lys	Leu	Lys	Lys	Phe	Ser	Asp	Asp
1				5					10					15	
Pro	Lys	Glu	Ser	Glu	Gly	Asp	Leu	His	Cys	Val	Cys	Val	Lys	Thr	Thr
			20					25					30		
Ser	Leu	Val													
			35												

<210> 106

<211> 40

<212> PRT

<213> Artificial Sequence

<220>

<223> Antimicrobiocidal peptide designed in part upon  
microbiocidal domains from platelet microbial  
proteins 1 and 2 (PMP-1 and PMP-2) from rabbits

<400> 106

Ala	Leu	Thr	Lys	Lys	Phe	Lys	Lys	Lys	Leu	Leu	Lys	Ser	Leu	Lys	Arg
1				5					10					15	
Leu	Gly	Ser	Asp	Asp	Pro	Lys	Glu	Ser	Glu	Gly	Glu	Leu	Arg	Cys	Val
			20					25					30		
Cys	Val	Lys	Thr	Thr	Ser	Lys	Val								
			35				40								

<210> 107

<211> 20

<212> PRT

<213> Artificial Sequence

<220>

<223> Antimicrobiocidal peptide designed in part upon  
microbiocidal domains from platelet microbial  
proteins 1 and 2 (PMP-1 and PMP-2) from rabbits

<400> 107

Glu	Trp	Val	Gln	Lys	Tyr	Val	Ser	Asn	Leu	Glu	Leu	Ser	Ala	Trp	Lys
1				5					10					15	
Lys	Ile	Leu	Lys												
			20												

<210> 108

<211> 12  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Antimicrobiocidal peptide designed in part upon  
 microbiocidal domains from platelet microbial  
 proteins 1 and 2 (PMP-1 and PMP-2) from rabbits

<400> 108  
 Ser Trp Val Gln Glu Tyr Val Tyr Asn Leu Glu Leu  
 1 5 10

<210> 109  
 <211> 16  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Antimicrobiocidal peptide designed in part upon  
 microbiocidal domains from platelet microbial  
 proteins 1 and 2 (PMP-1 and PMP-2) from rabbits

<400> 109  
 Ala Asn Ser Gly Glu Gly Asn Phe Leu Ala Glu Gly Gly Gly Val Arg  
 1 5 10 15

<210> 110  
 <211> 20  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Antimicrobiocidal peptide designed in part upon  
 microbiocidal domains from platelet microbial  
 proteins 1 and 2 (PMP-1 and PMP-2) from rabbits

<400> 110  
 Ala Asn Ser Gly Glu Gly Asn Phe Leu Ala Glu Gly Gly Gly Val Arg  
 1 5 10 15  
 Lys Leu Ile Lys  
 20

<210> 111  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Antimicrobiocidal peptide designed in part upon  
 microbiocidal domains from platelet microbial

proteins 1 and 2 (PMP-1 and PMP-2) from rabbits

<400> 111

Lys Phe Asn Lys Ser Lys Leu Lys Lys Thr Glu Thr Gln Glu Lys Asn  
1 5 10 15  
Pro Leu